MIAMIBEACH

OFFICE OF THE CITY MANAGER

NO. LTC # 316-2013

LETTER TO COMMISSION

TO: Mayor Matti Herrera Bower and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: September 5, 2013

SUBJECT: **MAURICE GIBB PARK SOIL AND GROUNDWATER CONTAMINATION**

The purpose of this Letter to Commission is to provide an update on the status of soil and groundwater contamination at Maurice Gibb Park.

BACKGROUND

The Miami-Dade County Department of Regulatory and Economic Resources (RER), formerly the Department of Environmental Resources (DERM) notified the City on August 6, 1997 that petroleum contamination had been found at Maurice Gibb Park property (formerly known as Island View Park), 1700 Purdy Avenue. However, clean-up efforts were not initiated at that time.

On October 19, 2012, during construction of the Sunset Harbour Pump Station Retrofit project an odor and sheen commonly associated with petroleum contamination was identified during excavation work. The County requested that the City collect and analyze confirmatory soil samples at the excavation site and groundwater samples to verify the absence of contamination at the depth of the injection well (Attachment A – October 25, 2012 RER Memo).

CDM Smith was retained to conduct the groundwater and soil sampling and analysis. On March 15, 2013, CDM Smith confirmed the absence of groundwater contamination at the injection depth (Attachment B – Island View Park Sampling Results). However, CDM Smith's evaluation of the soil samples at both sample depths of 0.5-feet and 2-feet below land surface indicated that Polycyclic Aromatic Hydrocarbons (PAHs) exceeded the Exposure Soil Cleanup Target Levels (SCTL) and that benzo(a)pyrene also exceeded the Residential Commercial/Industrial Exposure SCTL.

Based on these results, the County confirmed that work for the Sunset Harbour Pump Station Retrofit project could continue (Attachment C – April 24th, 2013 Letter from RER), but ordered the City to identify the extent of the soil and/or groundwater contamination at the property and conduct any necessary remediation (Attachment D – June 17th, 2013 Letter from RER).

The City has begun to comply with the order issued by the County. The City has registered the site and completed the discharge report form. On July 9th and 10th, CDM Smith collected soil samples and Organic Vapor Analyzer (OVA) readings to delineate the soil contamination at the park property. On August 7th, CDM Smith provided a draft soil analysis report detailing the results of their soil investigation for staff review. It is anticipated that the final report will be submitted to the County for approval by the end of September.

ANALYSIS

The following tasks will be required:

- Sampling, analysis, and preparation of the Site Assessment Report (SAR);
- Source removal and reporting for any identified soil contamination; and
- On-going monitoring and/or remediation for any identified groundwater contamination.

Staff estimates $50,000 will be required for the completion of a SAR. Once the SAR is complete, staff can better evaluate the need for remediation and additional funding requirements.

Due to the elevated concentrations of PAHs and benzo(a)pyrene, the south side of the park will need to be closed during construction of the Sunset Harbour Pump Station Retrofit project. Until then, the previously disturbed area will be cordoned off. No other closures are needed at this time.

Please let me know if you have any questions or comments.

Attachments: A - October 25, 2012 RER Memo
B - Island View Park Sampling Results
C - April 24, 2013 Letter from RER
D - June 17, 2013 Letter from RER

MT/ETC/JJF/RWS/ESW/MKW

F:\WORK\$ALL\(1) EMPLOYEE FOLDERS\BETSY WHEATON\LTC\Maurice Gibb Park Contamination LTC 8.12.13.docx

Memorandum

MIAMI-DADE COUNTY

Date: October 25th, 2012

To: Maria Molina, P.E., Chief
Water Control Section, RER

From: Wilbur Mayorga, P.E., Chief
Environmental Monitoring & Restoration Division, RER

Subject: Class II Permit 2011033 and Class V Drainage Wells Permit 20120015 for Miami Beach Public Works Department Sunset Harbour Pump Station Retrofit extending along Purdy Avenue, between Dade Boulevard and 20th Street and east along 20th Street up to Alton Road, located at near or in the vicinity of contaminates sites Island View Park (UT-5443/File-15745) and former Marks's Quality Cleaners (IW5-3458/File-3199), Miami Beach, Miami-Dade County, Florida.

On October 19, 2012, the Pollution Remediation Section (PRS) was notified by City of Miami Beach officials of the discovery of contamination during construction associated to this project, specifically in the area between stations 10+57.95 and 11+72.34, structures 1 and 2.

Following the review of the Department's records, it was established that the aforementioned area of concern corresponds to a previously known petroleum contaminated site (i.e., Island View Park, 1700 Purdy Avenue, UT-5443/File-15745). Note that in addition, a contaminated drycleaner exists on 20th Street, in the vicinity of station 32+51.38, structure 27 (former Marks's Quality Cleaners, 1201 20 Street, IW5-3458/File-3199). Based on the above, and as discussed with the City's officials, the following is required:

Island View Park Area

1. Obtain a groundwater sample from the already completed injection well at station 11+72.34 (structure 1) for BTEX (EPA method 8260 or equivalent), PAH (EPA method 8270 or equivalent) and TRPH (FL-PRO) analyses to verify the absence of contamination at the injection depth.

2. Contaminated soils excavated from the area require characterization for proper off-site disposal. Only clean fill material shall be used on the top two feet of open ground areas.

3. Any liquid waste generated (e.g., petroleum contact waters, etc.) requires proper disposal by a Permitted Liquid Waste Transporter.

20th Street Area

4. The installation of structures 26 and 27 (stations 31+44.79 & 32+51.38) shall not occur until the absence of groundwater contamination is verified.

5. Groundwater samples shall be obtained from a properly constructed assessment/monitoring well in the vicinity of structure 27 and analyzed for the contaminants of concern specified in Table A of Chapter 62-782, Florida Administrative Code (attached). The well shall consist of 25 ft of casing followed by 5 ft of screen, vertically extending to 30 ft below land surface

(bls). Please note that as an alternative to installing a new well an existing monitoring well in the vicinity of the former drycleaner may be used for the required sampling. If an existing well is identified, the location and construction shall be submitted to PRS (DERM_PCD@miamidade.gov & llanoj@miamidade.gov) before proceeding with sampling to determine if the well is representative of the area of concern.

General

6. Please note that if the presence of contamination is documented through the above referenced sampling, modifications to the approved drainage system shall be required pursuant to the provisions of Chapter 24, Miami-Dade County Code.

7. Based on the presence of contamination in areas encompassed by this project, all work shall follow all applicable safety requirements (e.g., OSHA, NFAP, etc.) and notification must be provided to the appropriate agencies.

8. In the event that evidence of undocumented ground and/or ground water contamination is encountered, the responsible party or his designee is required to immediately notify PRS at (305) 372-6700 or at the above referenced e-mail addresses.

If you have any questions concerning the above, please contact Jaquelyn Llano, P.E. of the Pollution Remediation Section at (305) 372-6700.

WM/jll
ec: Michele Schuyler – RER
Hermes Diaz, P.E - City of Miami Beach,Public Works, HermesDiaz@miamibeachfl.gov
Margarita Wells- City of Miami Beach, Public Works, MargaritaWells@miamibeachfl.gov

Table A
Drycleaning Contaminants of Concern
(Table for use in Chapter 62-782, F.A.C.)

Contaminants of Concern – Chlorinated Solvent Sites
carbon tetrachloride
Chloroform
chloroethane [or ethyl chloride]
chloromethane [or methyl chloride]
dichloroethane, 1,1-
dichloroethane, 1,2- [or EDC]
dichloroethene, 1,1-
dichloroethene, cis-1,2-
dichloroethene, trans-1,2-
methylene chloride [or dichloromethane]
tetrachloroethene [or PCE]
1,1,2 trichloro-1,2,2-trifluoroethane [or Freon 113]
trichloroethane, 1,1,1-
trichloroethene [or TCE]
vinyl chloride
Contaminants of Concern – Petroleum Solvent Sites
Benzene
Ethylbenzene
Toluene
total xylenes
Acenaphthene
Acenaphthylene
methylnaphthalene, 1-
methylnaphthalene, 2-
Naphthalene
TRPHs

CDM Smith

800 Brickell Avenue, Suite 500
Miami, Florida 33131
tel: 305-372-7171
fax: 305-372-9167

March 15, 2013

Ms. Jaquelyn Llano, P.E.
Pollution Remediation Section, PRS
Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912

Subject: Sunset Harbour Pump Station Retrofit Project, Island View Park, Groundwater and Soil Sampling Results

Dear Ms. Llano:

On behalf of the City of Miami Beach, CDM Smith, Inc. (CDM Smith) is pleased to provide the following letter report summarizing the Island View Park stormwater injection well sampling, soil sampling, and analytical results, as requested by the Miami-Dade County Department of Regulatory and Economic Resources (RER), Environmental Monitoring and Restoration Section. The sampling and analyses were requested to evaluate potential contamination at the Island View Park where utility construction work is currently being conducted on the Sunset Harbour Pump Station Retrofit Project.

Background Information

The City of Miami Beach is currently constructing the Sunset Harbour Pump Station Retrofit Project. During construction in the vicinity of Purdy Avenue, odor and soil staining commonly associated with contamination was identified. The possible contamination was reported to the Miami-Dade County RER, Environmental Monitoring and Restoration Section, Pollution Remediation Section (PRS) on October 19, 2012. The Environmental Monitoring and Restoration Section issued a memorandum on October 25, 2012, that documented their review of the situation and outlined procedures to address the possible contamination at the location of the reported contamination. According to the memorandum, petroleum contamination is associated with Island View Park on Purdy Street near where the contaminated soil was discovered.

In their memorandum, RER requested that a groundwater sample be collected from a stormwater injection well near the location possible contamination in soil was discovered, and that confirmation soil sampling is completed to confirm or deny the presence of soil contamination. A site map is included as **Figure 1 (Attachment A)**.

Groundwater and Soil Sampling

In accordance with the request from RER, groundwater and soil sampling were conducted at the Island View Park on February 13, 2013. Methods for the collection of the samples are discussed briefly below.

Groundwater Sampling

On February 13, 2013 the stormwater injection well at Island View Park was sampled using low-flow sampling techniques in accordance with the Florida Department of Environmental Protection (FDEP) Standard Operating Procedure (SOP) FS 2200. The field parameters were measured during purging in accordance with procedures described in FDEP SOPs FT 1100, FT 1200, FT 1400, FT 1500, and FT 1600. Samples were placed in appropriate containers (provided by the laboratory) and were delivered to Accutest Laboratories, who conducted all sample analyses. The field sampling log, laboratory analytical data report, and chain-of-custody are in **Attachment B**. Purge water was disposed of in the City of Miami Beach sanitary sewer.

Soil Sampling

On February 13, 2013, two soil samples were collected. The soil samples were collected at a location approximately 25 feet southwest of the stormwater injection well, in the area identified as potentially contaminated soil. Samples were collected from 0.5-foot and two-feet below land surface (bls) at this location. Soil samples were collected in accordance with procedures described in FDEP SOP FS 3000. The laboratory analytical data report and chain-of-custody are in Attachment B.

Groundwater and Soil Analytical Results

Groundwater collected from the Island View Park stormwater injection well was analyzed for benzene, toluene, ethyl benzene, and xylenes (BTEX) by EPA Method 8260, polynuclear aromatic hydrocarbons (PAH) by EPA Method 8270, and total recoverable petroleum hydrocarbons (TRPH) by the FL-PRO Method. None of the analytes were detected.

Soil samples were analyzed for BTEX by EPA Method 8260, PAHs by EPA Method 8270, TRPH by the FL-PRO Method, and lead by EPA Method 6010. Evaluation of the soil data indicates that carcinogenic PAH results exceeded the Commercial/Industrial Exposure (C/IE) Soil Cleanup Target Level (SCTL) at both sample depths for benzo(a)pyrene equivalents. Individually, benzo(a)pyrene also exceeded the Residential Exposure SCTL at both sample depths. While other PAHs were detected, none were detected at concentrations above their respective SCTL. Laboratory analytical results are summarized in **Table 1 (Attachment C)**.

Conclusions and Recommendations

The following conclusions and recommendations are based on results of the sampling and analyses described above. Based on the results of the groundwater sampling, groundwater at the depth below

CDM Smith

the injection well casing has not been adversely impacted by petroleum contamination. Therefore, the well should be used as intended.

Results of the soil sampling and analyses confirmed the presence of petroleum contaminants in the soil in the vicinity of the construction project. Contaminated soil that is excavated as part of the construction project, including completion of the injection well plumbing and wellhead, should be properly characterized and disposed of in accordance with applicable local, state and federal regulations. Excavated contaminated soil should be replaced with clean fill material

If you have any additional questions or comments, please do not hesitate to contact me at 407-660-6354 or turnerss@cdmsmith.com.

Very truly yours,

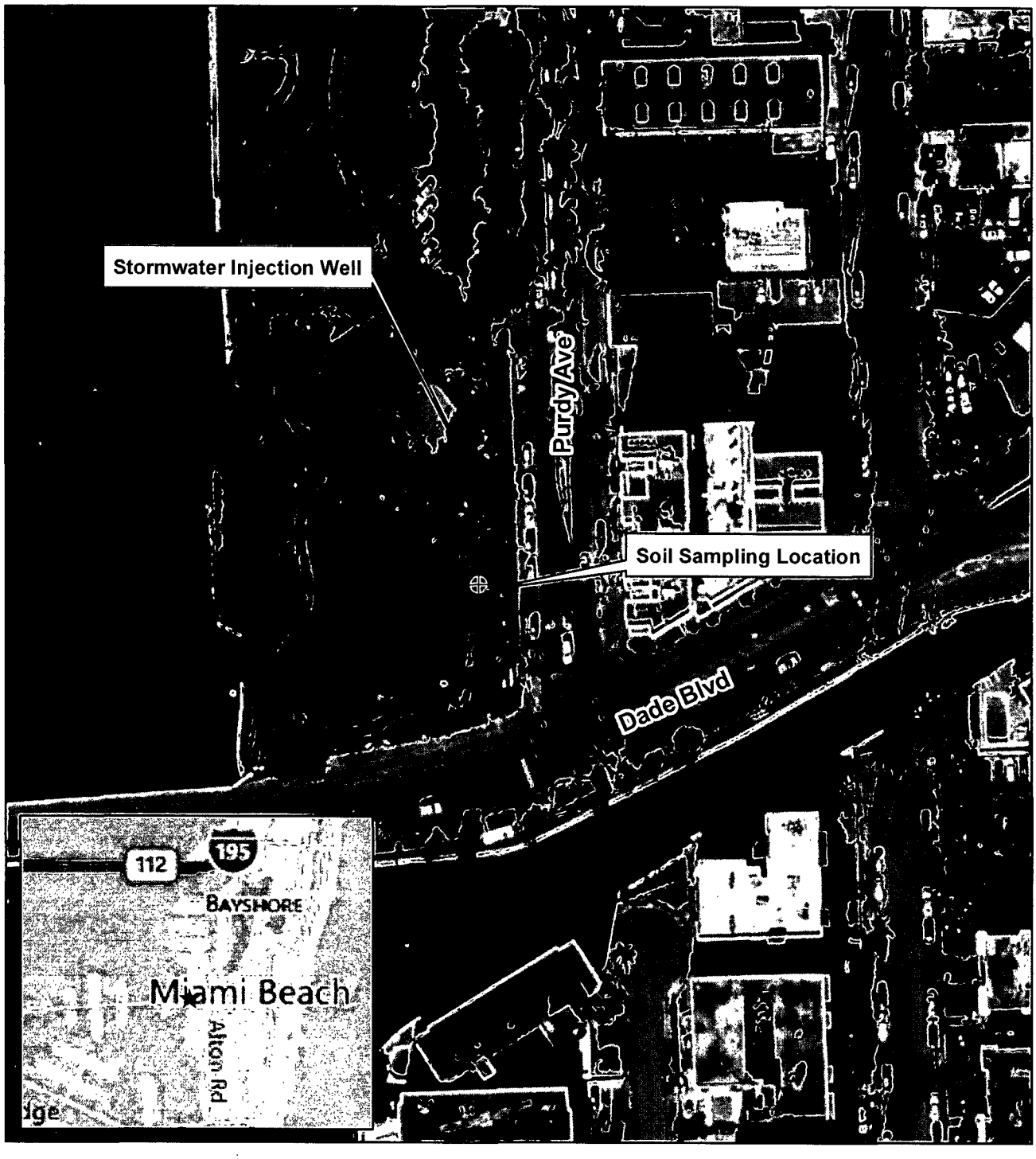
S. Shawn Turner, P.G.
Principal
CDM Smith Inc.

File: PW.9381-96617.02.03.30.Island View Park.Final Report

Attachments

cc: Margarita Wells, Miami Beach Public Works Department
Hermes Diaz, P.E., Miami Beach Public Works Department
Jason A. Johnson, P.E., CDM Smith

Attachment A
Site Map



Note: Bing Aerial Photograph 2010.

Legend

- Soil Sampling Location
- Stormwater Injection Well

0 50 100 200 Feet

N

CDM Smith

Figure 1
Site Map
Island View Park
City of Miami Beach, FL

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 4th Floor
Miami, Florida 33136-3912
T 305-372-6700 F 305-372-6982
miamidade.gov

April 24, 2013

CERTIFIED MAIL NO. 7011 0470 0002 4384 8131
RETURN RECEIPT REQUESTED

Ms. Betsy Wheaton, Environmental Resource Manager
Environmental Resources Management Division,
Public Works Department
1700 Convention Center Drive
Miami Beach, FL 33139

Re: Sunset Harbor Pump Station Retrofit Project, 20th Street Monitoring Well, Groundwater Sampling Results & Island View Park Groundwater and Soil Sampling Results, dated March 19, 2013 (received March 21, 2013) prepared by CDM Smith for the for Sunset Harbor Pump Station Retrofit Project (CLII-20110033) along Purdy Avenue (between Dade Boulevard and 18th Street), located at, near, or in the vicinity of the contaminated site Former Gulf Oil Facility (UT-5443/File-15745), 1700 Purdy Avenue, Miami Beach, Florida.

Dear Ms. Wheaton:

The Pollution Remediation Section (PRS) of the Department of Regulatory and Economic Resources (RER) has reviewed the referenced documents. Based on the groundwater sample results, PRS does not require modifications to the approved drainage system, including but not limited to, the location of the following Injection Wells:

- Structure 1, at station 11+72.34
- Structures 26, station 31+44.79
- Structures 27, station 32+51.38

Be advised that approval from other departments, and/or sections of RER (i.e., Water Control) and other governmental agencies having jurisdiction over the scope of work may need to be obtained prior to the implementation of the project.

Please note that based on the presence of contamination in the area occupied by the Island View Park, the following shall apply during construction:

1. All work shall follow all applicable safety requirements (e.g., OSHA, etc.).

2. If contaminated soils are excavated during construction they require proper handling and disposal in accordance with the local, state and federal regulations. Contaminated soils may be returned to an excavation provided the use clean fill material in the top two feet.

3. Any documented free product (FP) shall be recovered from open excavations .All liquid waste generated must be disposed of by a RER Permitted Liquid Waste Transporter within ninety days of recovery.

4. Be advised that in the event that evidence of undocumented ground and/or ground water contamination is encountered, the responsible party or his designee is required to immediately notify PRS. The PRS can be contacted at (305) 372-6700.

Please be advised that a follow-up letter will be forthcoming in reference to the environmental issues at the Island View Park Property.

If you have any questions concerning the above, please contact Jaquelyn Llano, P.E. (llanoj@miamidade.gov) of the Pollution Remediation Section at (305) 372-6700.

Sincerely,

Wilbur Mayorga, P.E., Chief
Environmental Monitoring and Restoration Division

WM/jll
ec: Margarita Wells, City of Miami Beach, MargaritaWells@miamibeachfl.gov
Hermes Diaz, P.E., City of Miami Beach, HermesDiaz@miamibeachfl.gov
Jason A. Johnson, P.E, CDM Smith, JohnsonJA@cdmsmith.com
Maria Molina, P.E., RER
Michelle Schuyler, RER

Attachment D

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

RECEIVED
CITY OF MIAMI BEACH
13 JUN 21 AM 11:46
PUBLIC WORKS DEPARTMENT

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 7th Floor
Miami, Florida 33136-3912
T 305-372-6600 F 305-372-6893
miamidade.gov

June 17, 2013

Betsy Wheaton, Environmental Resources Manager
Environmental Resource Division
City of Miami Beach
Public Works – Environmental Resources Management
1700 Convention Center Drive
Miami Beach, FL 33139

CERTIFIED MAIL No. 7010 1870 0000 2683 0999
RETURN RECEIPT REQUESTED

RE: Island View Park property (UT-5443/File-15745/no DEP Facility ID #), located at, near, or in the vicinity of 1700 Purdy Avenue, Miami Beach, Miami-Dade County, Florida (Folio #02-3233-012-0390).

Dear Ms. Wheaton:

A review of Department records indicate that the City of Miami Beach was notified on August 6, 1997 that petroleum contamination had been found on the subject property. This notification instructed the City to submit an application to the Florida Department of Environmental Protection (FDEP) to determine eligibility for clean up of the property under the Petroleum Cleanup Participation Program (PCPP). FDEP has provided confirmation that the application was never submitted and the deadline for participation has expired. Recent documents submitted to the Department related to construction activities continue to document the presence of petroleum contamination on the property.

Be advised that the discharge of hydrocarbons to the ground and/or groundwater of Miami-Dade County constitute violations of Chapter 24 of the Code of Miami-Dade County, to wit:

Section 24-42(1), of the aforesaid Code, inasmuch as said discharge causes water pollution, and constitutes a nuisance and sanitary nuisance as defined in Sections 24-5 and/or 24-28;

Section 24-27, of the aforesaid Code, which states in pertinent part: "No person shall cause any nuisance or sanitary nuisance as defined in Sections 24-5 and/or 24-28 hereof"; and

Section 24-25(4), of the aforesaid Code, inasmuch as any person who commits a violation of any of the rules and regulations which are adopted pursuant to this section shall be deemed guilty of committing a violation of this chapter by reference.

Based on the above and pursuant to the authority granted to me under Sections 24-7(15), 24-7(26), and pursuant to the requirements of Sections 24-45(5) and Section 24-25(1) of Chapter 24 of the Code of Miami-Dade County, I am hereby ordering you to:

1. Complete the attached registration and discharge reporting forms and submit them to Tricia Kong of the Department of Regulatory & Economic Resources (RER) by email to kongt@miamidade.gov or by fax to (305) 372-6957 within three (3) days.

2. If source removal, pursuant to the provisions of Chapter 62-780.500, Florida Administrative Code (F.A.C.) is conducted, within sixty (60) days of completion of free product removal and proper disposal, soil treatment or proper soil disposal, two copies of a Source Removal Report, as outlined in subsection 62-780.500(7), F.A.C. shall be submitted to Wilbur Mayorga, P.E., Chief, Environmental Monitoring & Restoration Division, Miami-Dade County Department of RER, 701 NW 1st Ct, 4th floor, Miami, FL 33136, as applicable.

3. Within 30 days of receipt of this Notice, conduct soil investigation, in accordance with the provisions of Chapter 62-780, F.A.C., to establish the degree and extent of contamination. Based on the current land use, assessment of open ground areas shall include an evaluation the 0-6 inch interval, separate from the remainder of the unsaturated zone. Within sixty (60) days of receipt of this Notice, submit to this Department two signed and sealed copies of a report including the results of the soil investigation.

4. Within two hundred seventy (270) days of receipt of this Notice, submit to this Department two signed and sealed copies of a "Site Assessment Report" (SAR) which meets the criteria of Chapter 62-780, F.A.C., including the identification of the extent of ground and/or groundwater contamination at the subject site. The SAR shall include a Monitoring Only Proposal (MOP), or a no Further Action Proposal (NFAP), or a recommendation to prepare a Remedial Action Plan (RAP). The SAR must be submitted to Wilbur Mayorga, P.E., Chief, Environmental Monitoring & Restoration Division, Miami-Dade County Department of RER, 701 NW 1st Ct, 4th floor, Miami, FL 33136.

5. For sites requiring active remediation, within ninety (90) days of receipt of approval from this Department for the SAR, submit two copies of a Remedial Action Plan (RAP) prepared in accordance with Chapter 62-780, F.A.C.

6. Upon receipt of approval for the RAP or MOP, immediately implement and complete the RAP or MOP in accordance with the timeframes stipulated in the approval.

7. Submit activity reports which describe the progress of the active remediation or monitoring activities at a frequency approved in the RAP or MOP.

Be advised that failure to comply with the above may result, at a minimum, in civil penalties and the payment of all Departmental costs incurred in the investigation and settlement of this case. In addition, failure to comply may results in your case being prepared for formal enforcement action in a court of competent jurisdiction pursuant to the enforcement and penalty provisions of Sections 24-29 and 24-30 of Chapter 24 of the Code of Miami-Dade County.

If you have any questions concerning this matter, please contact **Tricia Kong** of the Environmental Evaluations Section of this office at (305) 372-6600.

Sincerely,

Mayra Flagler

Mayra Flagler, Manager
Environmental Evaluations – Delegated Programs

Enclosure(s)
TK

cc: Kevin Slapp, P.G., Jaquelyn Llano, P.E. (RER-DERM)
File

Discharge Report Form

PLEASE PRINT OR TYPE

DEP Form # 62-761.900(1)
Form Title Discharge Report Form
Effective Date: July 13, 1998

Instructions are on the reverse side. Please complete all **applicable** blanks

1. Facility ID Number (if registered):_____ **2. Date of form completion:**_____

3. General information
Facility name or responsible party (if applicable):_____
Facility Owner or Operator, or Discharger: _____
Contact Person:_____Telephone Number: ( )_____County: _____
Facility or Discharger Mailing Address: _____
Location of Discharge (street address):_____
Latitude and Longitude of Discharge (if known)_____

4. Date of receipt of test results or discovery of confirmed discharge: _____month/day/year **5. Estimated number of gallons discharged:**_____

6. Discharge affected: [ ] Air [ ] Soil [ ] Groundwater [ ] Drinking water well(s) [ ] Shoreline [ ] Surface water (water body name) _____

7. Method of discovery (check all that apply)

[ ] Liquid detector (automatic or manual)	[ ] Internal inspection	[ ] Closure/Closure Assessment
[ ] Vapor detector (automatic or manual)	[ ] Inventory control	[ ] Groundwater analytical samples
[ ] Tightness test	[ ] Monitoring wells	[ ] Soil analytical tests or samples
[ ] Pressure test	[ ] Automatic tank gauging	[ ] Visual observation
[ ] Statistical Inventory Reconciliation	[ ] Manual tank gauging	[ ] Other _____

8. Type of regulated substance discharged: (check one)

[ ] Unknown	[ ] Used/waste oil	[ ] Jet fuel	[ ] Heating oil	[ ] New/lube oil
[ ] Gasoline	[ ] Aviation gas	[ ] Diesel	[ ] Kerosene	[ ] Mineral acid

[ ] Hazardous substance - includes CERCLA substances from USTs above reportable quantities, pesticides, ammonia, chlorine, and derivatives (write in name or Chemical Abstract Service (CAS) number)_____
[ ] Other_____

9. Source of Discharge: (check all that apply)

[ ] Dispensing system	[ ] Pipe	[ ] Barge	[ ] Pipeline	[ ] Vehicle
[ ] Tank	[ ] Fitting	[ ] Tanker ship	[ ] Railroad tankcar	[ ] Airplane
[ ] Unknown	[ ] Valve failure	[ ] Other Vessel	[ ] Tank truck	[ ] Drum

[ ] Other_____

10. Cause of the discharge: (check all that apply)

[ ] Loose connection	[ ] Puncture	[ ] Spill	[ ] Collision	[ ] Corrosion
[ ] Fire/explosion	[ ] Overfill	[ ] Human error	[ ] Vehicle Accident	[ ] Installation failure

[ ] Other_____

11. Actions taken in response to the discharge: _____

12. Comments: _____

13. Agencies notified (as applicable):

[ ] State Warning Point	[ ] National Response Center	[ ] Florida Marine Patrol	[ ] Fire Department.	[ ] DEP (district/person)
1-800 320-0519	*1-800-424-8802*	*(800) 342-5367*	_____	[ ] County Tanks Program

14. To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.

_____
Printed Name of Owner, Operator or Authorized Representative, or Discharger

_____
Signature of Owner, Operator or Authorized Representative, or Discharger

Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DEP Form # 62-761.900(2)
Form Title Storage Tank Registration Form
Effective Date July 13, 1998
DEP Application No. _____ (Filled in by DEP)

Storage Tank Facility Registration Form

Submit a completed form for the facility when registration of storage tanks or compression vessels is required by Chapter 376.303, Florida Statutes

Please review *Registration Instructions* before completing the form.

Please check all that apply	[ ] New Registration	[ ] New Owner	[ ] New Tanks
	[ ] Facility Info Update/Correction	[ ] Owner Info Update/Correction	[ ] Tank Info Update/Correction

A. FACILITY INFORMATION

County:	**DEP Facility ID:**	

Facility Name: _____

Facility Address: _____ City: _____ Zip: _____

Facility Contact: _____ Business Phone: (___) _____

Facility Type(s): _____ NAICS Code: _____ Financial Responsibility: _____

24 Hour Emergency Contact: _____ **Emergency Phone:** (___) _____

B. RESPONSIBLE PERSON INFORMATION - Identify Individual(s) or Business(es) responsible for storage tank management, fueling operations, and/or cleanup activities at the facility location named above. **Provide additional information in an attachment if necessary.**

Name:	Facility - Responsible Person Relation Type:	Effective Date
Mail address:	[√] **Facility Account Owner (pays fees)**	
City, ST, Zip:	Facility Account Owner information must be provided when the facility contains active or out of service storage tanks on site.	
Contact:		
Telephone:	**STCM Account Number (if known)**	
Identify other appropriate facility relationships for this party: [ ] Facility Owner/Operator [ ] Property Owner [ ] Storage Tank Owner		

Name:	Other owner, relationship type(s)	Effective Date
Mail address:	[ ] Facility Owner/Operator	
City, ST, Zip:	[ ] Property Owner	
Contact:	[ ] Storage Tank Owner	
Telephone:	[ ] Other:	

C. TANK/VESSEL INFORMATION - Complete one row for each storage tank or compression vessel system located at this facility.

Tank ID	T/V	A/U	Capacity	Installed	Content	Status/Effective Date		Construction	Piping	Monitoring

Certified Contractor (peforming tank installation or removal): _____ DBPR License No.: _____

Registration Certification: **To the best of my knowledge and belief, all information submitted on this form is true, accurate, and complete.**

Printed Name & Title _____ **Signature** _____ **Date** _____

Northwest District
160 Governmental Center Blvd.
Pensacola, FL 32501
850-595-8360

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256
904-448-4300

Central District
3319 Maguire Blvd., Suite 232
Orlando, FL 32803
407-894-7555

Southwest District
3804 Coconut Palm Drive
Tampa, FL 33619
813-744-6100

Southeast District
400 North Congress Ave.,
W Palm Beach, FL 33416
561-681-6600

South District
2295 Victoria Ave., Suite 364
Fort Myers, FL 33901
941-332-6975

Marathon Branch Office
2796 Overseas Hwy., Suite 221
Marathon, FL 33050
305-289-2310

Florida Department of Environmental Protection

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Division of Waste Management - Storage Tank Facility Registration Form
Registration Instructions and Codes List

The Department of Environmental Protection Storage Tank Program registers the facilities and the storage tanks when aboveground or underground storage tanks store pollutants, hazardous substances, and/or mineral acid substances regulated by Chapter 62-761, Florida Administrative Code, or when aboveground storage tanks or compression vessels store a hazardous substance which requires registration according to Chapter 376, Florida Statutes.

Storage Tank Facility Registration Form
In the first section block, identify the types of information being submitted on the registration form.
Check ***New Registration*** when the **location** is being registered for the first time and no Facility Identification number exists.
If submitting a revised Registration form, check all other boxes that apply to designate the type(s) of revisions being submitted.

I. Facility Information - Properly describe the geographical location where the storage tank facility is located.

Facility ID — Include the DEP Facility Identification number whenever possible. Write in "Pending" when submitting a new registration for the first time. Remember: the facility ID number identifies the location, and is transferred to a new owner upon sale of the facility.

Facility Name — Provide the current name of the business establishment operating at the facility location. When registering an abandoned facility, where tanks exist *unmaintained*, identify the location with the property owner's name, as in "Smith Property", if no other facility name is being used.

Facility Address — Include the county name, and the proper street number and name. Give directions when the facility is located in a rural area with no Rural Route number associated with it (i.e., 'x' miles N of intersection...). Provide the name and telephone number of a contact person or manager *on location*, where possible.

Facility Type — This information is an explanation or term that most closely describes the operational use of the facility. Select the code(s) that provides the best or most appropriate description of the facility.

1. If the facility is owned by a government entity, select the appropriate type from the following:

F. Federal Government
G. State Government
H. Local or City Government
I. County Government
N. Indian Land

2. If the facility meets the definition of "bulk product facility" - "a waterfront location with at least one aboveground tank with a capacity greater than 30,000 gallons which is used for the storage of pollutants" ("Pollutants" includes oil of any kind and in any form, gasoline, pesticides, ammonia, chlorine, and derivatives thereof, excluding liquefied petroleum gas."); select the type from:

T. Coastal bulk product facility - facility, as defined above and located on the Florida coast, may have storage tank systems that store hazardous substances in addition to pollutants. ("Coastline means the line of mean low water along the portion of the coast that is in direct contact with the open sea and the line marking the seaward limit of inland waters, as determined under the Convention on Territorial Seas and the Contiguous Zone, 15 U.S.T. (Pt. 2) 1606.").

S. Inland Waterfront bulk product facility - facility, as defined above and located on "inland waterways" (lakes, rivers), may have storage tank systems that store hazardous substances in addition to pollutants.

3. When the facility is a "waterfront location", but not a *bulk product facility* as defined above, select the most appropriate type from:

V. Marine fueling facility - a commercial, recreational, or retail coastal facility that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.

W. Waterfront fueling facility - a commercial, recreational, or retail facility located on a non-coastal waterway that provides fuel to vessels and may store other pollutants and/or hazardous substances on site.

Facility Type continued

4. When the facility is not described as above, select the most appropriate type from:

A. **Retail Station** - primarily supplies vehicular fuel to automotive customers; may store other regulated substances.
C. **Fuel User, Non-retail** - primarily stores vehicular fuel and/or other pollutants or hazardous substances for consumption by facility/owner/operator.
D. **Inland Bulk Petroleum Storage** - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems used primarily for storage of pollutants intended for distribution. May also store hazardous substances on-site for facility consumption and/or distribution purposes.
E. **Industrial Plant** - inland facility with no waterfront access; may include power plants and facilities designed for manufacturing and/or chemical processing; may have multiple active UST and/or AST storage systems used for storage of pollutants and/or hazardous substances intended for facility consumption.
J. **Collection Station** - maintenance or other related facility that acquires and temporarily stores used and/or waste oil prior to recycling and/or disposal.
K. **Inland Bulk Chemical Storage** - inland facility with no waterfront access, that has multiple active UST and/or AST storage systems and/or compression vessels used for storage of hazardous substances intended for distribution. May also store pollutants on site for facility consumption and/or distribution purposes.
L. **Chemical User** - facility primarily uses regulated hazardous substance tanks on site; may also store pollutants.
M. **Agricultural** - facility actively used in production of crops, plants, or livestock.
B. **Residential (not regulated)** - property used primarily for dwelling purposes; regulated substance used for non-commercial purposes; no UST exists > 1100 gallons.
P. **UST Residential (>1100 gallons)** - residence with USTs regulated by Federal Environmental Protection Agency.
Z. **Other** - Please identify the type of establishment that you are registering.

North American Industry Classification System (NAICS), developed jointly by the United States, Canada, and Mexico, has replaced the U.S. Standard Industrial Classification Code (SIC) system, effective January, 1997. The new system identifies new industry categories and re-organizes the current data more consistently. More information on this subject can be obtained from: National Technical Information Services, 5285 Port Royal Road, Springfield, Virginia 22161; (800) 553-6847. See also U. S. Department of Commerce Web Sites: **http://ntis.gov** and **http://www.census.gov/epcd/www/naics.html.** When possible – please select the most appropriate code for your facility.

Financial Responsibility – The demonstration of financial responsibility shall be made by the owner or operator in accordance with C.F.R. Title 40, Part 280, Subpart H. Write in your selection of the following:

1. **None**
2. **Insurance Carrier**
3. **Other Mechanism** (includes all other financial responsibility methods meeting requirements of C.F.R. Title 40)

24 Hour Emergency Contact - Provide the name & telephone number of the Emergency Contact for this facility.

II. Responsible Party Information

1. In the first block, provide the name, address, contact name, and telephone number of the individual(s) and/or business(es) that are responsible for the operation of the storage tank facility and for the payment of DEP annual Storage Tank Registration fees. Identify the appropriate facility relationships for this party: Facility Owner/Operator, Tank Owner, and/or Property Owner. The first named party will also be associated with the role of Facility Account Owner. The Account Owner is responsible for payment of the annual storage tank registration fees, and will receive the annual storage tank registration placard(s) upon payment.

2. Identify additional individuals and/or companies that play a role in the ownership or operation of the facility, as necessary.

3. When submitting revisions to owner name or address information, please include their STCM Account Number, when available.

4. Submit a registration form when the facility or tank ownership changes, complete with the **date & new owner's signature.**

III. **Tank/Compression Vessel Information** - Complete one row in Section C for each storage tank and/or compression vessel system located at the facility. Use the following system description codes where appropriate.

1. **Tank ID** - number systems sequentially, or provide a unique identification number; do not use symbols (#, %, -, etc.).
2. **Tank or Vessel Indicator** - write in T or V to describe the system type.
3. **Tank Placement** - Write in A or U to designate aboveground or underground placement of the system.
4. **Tank Capacity** - Write in the storage tank capacity in gallons.
5. **Installation Date** - Record the date of first installation in 'MM/YY' format; provide a best estimate if unknown.

6. **Tank Content** - Record the current content (or last content, if system is closed or not in use) from the list below.

A.	Leaded gasoline	**K.**	Kerosene	**S.**	Chlorine compound
B.	Unleaded gasoline	**L.**	Waste oil / Used oil	**T.**	Hazardous substance (CERCLA)
C.	Gasohol	**M.**	Fuel oil: on-site heating only; USTs or ASTs <30K gals	**U.**	Mineral acid
D.	Vehicular diesel	**N.**	Fuel oil: distribution; or on-site heating - ASTs > 30K gals	**V.**	Grades 5 & 6, bunker 'C' residual oils
E.	Aviation gasoline	**O.**	New & lube oil	**W.**	Petroleum-base additive product
F.	Jet diesel fuel	**P.**	Generic Gasoline - grade unknown	**X.**	Miscellaneous petroleum-base product
G.	Diesel fuel - emergency generator	**Q.**	Pesticide	**Y.**	Unknown Substance
H.	Diesel fuel - generator or pump	**R.**	Ammonia compound	**Z.**	Other Substance: please identify –

* Mineral Acid = Hydrobromic acid, Hydrochloric acid, Hydrofluoric acid, Phosphoric acid, Sulfuric acid.
* M = fuel is used solely to heat the facility premises and must be stored in a tank with capacity < 30,000 gallons; exempt from regulation.
* N = fuel is distributed as heating fuel, or fuel is used solely to heat the facility premises , but the storage tank capacity exceeds 30,000 gallons.

** **Compartmented tanks** – register as a single tank; itemize the size and contents of each compartment.

** **Manifold tanks** – register as individual storage tanks; with individual size and content – even though they are "connected".

7. **Status** - Record the current status of the system, & the status effective date (or best estimate) in 'MM/YY' format. Update the tank status timely, as necessary for tanks moving between "in service" and "out of service" status.

A. **Properly closed in place** * UST filled with sand, concrete or other inert material; AST rendered unusable.
B. **Removed from the site** *
*A or B: UST Closure Assessment required after 12/10/90; AST Closure Assessment required after 3/12/91 - refer to 62-761.800, F.A.C.
E. **Construction modified** - AST constructed as a "mobile tank" or enclosed in a building; no longer retains a "regulated" status.
F. **Unmaintained tank** - UST/AST not in use, not properly closed, not to be returned to service (tank must be properly closed within 90 days).
T. **Out-of-service tank** - UST/AST locked and monitored (10 yr limit for USTs with secondary containment; 2 yr limit for corrosion-protected USTs; 1 yr limit for unprotected USTs; 5 yr limit for ASTs).
U. **In-service** - UST/AST may be empty for up to 45 days for routine services/maintenance only.
V. **Temporary out of service** - special designation for field-erected ASTs, greater than or equal to 50,000 gallon capacity; may be empty for up to 180 days for routine services/maintenance only.
Z. **Non-regulated product** stored in tank; provide status effective date when status relates to a 'change in product' for a particular storage tank.

8. **Construction, Piping, and Monitoring Attributes** – please select from the lists below, the codes that best describe the attributes of each storage tank system. ** When *"Z. Other DEP Approved"* is selected; please specify the EQ #. **

CONSTRUCTION

Primary Construction:	**C.**	Steel		
	D.	Unknown	**X.**	Concrete
	E.	Fiberglass	**Y.**	Polyethylene
	F.	Fiberglass-clad steel	**Z.**	Other DEP approved tank material
Overfill/Spill:	**A.**	Ball check valve	**O.**	Tight fill
	M.	Spill containment bucket	**P.**	Level gauges, high-level alarms
	N.	Flow shut-off	**Q.**	Other DEP approved protection method
Corrosion Protection:	**G.**	Cathodic protection - sacrificial anode	**H.**	Cathodic protection - impressed current
Secondary Containment:	**I.**	Double wall construction: single material (outer tank material same as inner tank material)		
	R.	Double wall construction: dual material (outer tank - concrete, approved synthetic material, or tank "jacket")		
	J.	Synthetic liner in tank excavation		
	K.	Concrete, synthetic material, and/or offsite clays beneath AST and in containment area		
	S.	Other DEP approved secondary containment system		
	V.	Pipeless UST with secondary containment		

CONSTRUCTION - continued

Miscellaneous attributes:
- **B.** Internal lining
- **L.** Compartmented
- **U.** Field erected tank

PIPING

Primary Construction:
- **B.** Steel or galvanized metal
- **C.** Fiberglass
- **N.** Approved synthetic material
- **Y.** Unknown
- **Z.** Other DEP approved piping material

Corrosion Protection:
- **D.** External protective coating
- **E.** Cathodically protected with sacrificial anode or impressed current

Secondary Containment:
- **F.** Double wall construction: single material (outer pipe material same as inner pipe material)
- **M.** Double wall construction: dual material (outer pipe - approved synthetic material or pipe "jacket")
- **G.** Synthetic liner or box/trench liner in piping excavation or pipe containment area
- **P.** Internal Piping: contained within an internal sump riser, directly connected to tank & located beneath dispenser

Miscellaneous attributes:
- **A.** Aboveground, no contact with soil
- **I.** Suction piping system
- **J.** Pressurized piping system
- **K.** Dispenser liners
- **L.** Bulk product system
- **H.** Airport/seaport hydrant system

MONITORING

External:
- **A.** Site Suitability Plan
- **B.** Site Suitability Plan Exemption
- **C.** Groundwater Monitoring Plan
- **D.** SPCC Plan
- **E.** Interstitial monitoring of UST synthetic liners
- **N.** Groundwater monitoring wells
- **O.** Vapor monitoring wells
- **P.** Vapor monitoring with dilution procedures
- **Q.** Visual inspection of AST systems
- **W.** Fiber-optic technologies
- **Z.** Other DEP approved monitoring method

Internal:
- **F.** Interstitial space - double wall tank
- **L.** Automatic tank gauging system (USTs)
- **M.** Manual tank gauging system (USTs)
- **R.** Interstitial monitoring of AST tank bottom
- **S.** Statistical Inventory Reconciliation (SIR) (USTs)
- **T.** Annual tightness test with inventory (USTs)

Piping monitoring:
- **G.** Electronic line leak detector with flow shutoff
- **H.** Mechanical line leak detector
- **J.** Interstitial monitoring - piping liner
- **K.** Interstitial monitoring - double wall piping
- **U.** Bulk product piping pressure test
- **V.** Suction pump check valve
- **6.** External monitoring

Miscellaneous:
- **I.** Not required - see rule for exemptions
- **X.** None
- **Y.** Unknown
- **1.** Continuous electronic sensing equipment
- **2.** Visual inspections of piping sumps
- **3.** Electronic monitoring of piping sumps
- **4.** Visual inspections of dispenser liners
- **5.** Electronic monitoring of dispenser liners

IV. Certified Contractor & Certification

Record the name and the ***Department of Business and Professional Regulation License Number*** for the ***Certified Contractor*** whenever an underground storage tank has been installed, removed, or closed in place. Do not rely on the contractor to file this form. Storage Tank Registration Forms are required to be submitted by the storage tank system owner or operator.

Please Remember that the Registration Form cannot be processed without the name and signature of the storage tank system owner or operator, and the date of the form submittal. Please print your name legibly in case a representative of the storage tank program should need to contact you.

If you have questions, please call a storage tank registration representative at (850) 245-8839 for assistance.

METROPOLITAN DADE COUNTY, FLORIDA

METRODADE

ERM

ENVIRONMENTAL RESOURCES MANAGEMENT
POLLUTION PREVENTION DIVISION
SUITE 800
33 S.W. 2nd AVENUE
MIAMI, FLORIDA 33130-1540
(305) 372-6817

August 6, 1997

Bruce Henderson
Environmental Coordinator
City of Miami Beach
140 MacArthur Cswy.
Miami Beach, FL 33139

CERTIFIED MAIL NO. Z 428 468 177
RETURN RECEIPT REQUESTED

Re: City of Miami Beach - Island View Park, (UT-5443/15745), located at, near, or in the vicinity of 1700 Purdy Avenue, Miami Beach, Dade County, Florida (Folio# 02-3233-012-0390).

Dear Mr. Henderson:

On June 11, 1997, a representative of this Department inspected the above referenced site and found evidence of hydrocarbon contamination in the groundwater of Dade County.

A review of department records indicates that the above referenced site may be eligible for the new Petroleum Cleanup Participation Program (PCPP). This state-sponsored program provides rehabilitation funding assistance to site owners whose property is contaminated by petroleum products from a petroleum storage system. Please review the enclosed information sheet and affidavit to determine if your facility will qualify for this program. Remember to complete and return the enclosed affidavit promptly if you wish to participate in the PCPP.

Owners of petroleum contaminated sites that are not accepted into state programs may be responsible for costs associated with required assessment and cleanup work, and may be subject to department enforcement actions for noncompliance.

If you have any questions concerning this program or your facility, please contact James Ferro of the Storage Tank Section at (305)372-6716.

Sincerely,

Christopher Caporale, P.G., Chief
Storage Tank Section

JF
Enclosures